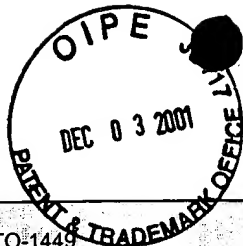


Sheet 1 of 2

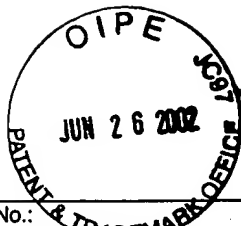
Form PTO-1 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		Docket No.: 46739/252170		Application NO.: 09/744,493			
		Applicant: Bryan, et al.		RECEIVED DEC 06 2001 TECHNOLOGY CENTER ROOM 3738			
		Filing Date: June 19, 2001					
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Patent Number	Date	Patentee	Class	Subclass	Translation
AS		4,645,507	02/24/87	Engelbrecht, et al.			
		4,714,469	12/22/87	Kenna			
		4,757,983	07/19/88	Ray, et al.			
		4,759,766	07/26/88	Buettner-Janz, et al.			
		4,759,769	07/26/88	Hedman, et al.			
		4,766,328	08/23/88	Yang			
		4,777,942	10/18/88	Frey, et al.			
		4,800,639	01/31/89	Frey, et al.			
		4,834,757	05/30/89	Brantigan			
		4,878,915	11/07/89	Brantigan			
		4,887,595	12/19/89	Heinig, et al.			
		4,908,032	03/13/90	Keller			
		4,908,036	03/13/90	Link, et al.			
		4,911,718	03/27/90	Lee, et al.			
		4,978,355	12/18/90	Frey, et al.			
		5,059,193	10/22/91	Kuslich			
		5,084,048	01/28/92	Jacob, et al.			
		5,122,130	06/16/92	Keller			
		5,171,281	12/15/92	Parsons, et al.			
		5,176,708	01/05/93	Frey, et al.			
		5,192,327	03/09/93	Brantigan			
		5,261,913	11/16/93	Marnay			
		5,306,308	04/26/94	Gross, et al.			
		5,314,477	05/24/94	Marnay			
		5,383,933	01/24/95	Keller			
		5,403,314	04/04/95	Currier			
		5,425,772	06/20/95	Brantigan			
		5,425,773	06/20/95	Boyd, et al.			
		5,443,514	08/22/95	Steffee			
		5,456,719	10/10/95	Keller			
	5,458,638	10/17/95	Kuslich, et al.				
	5,489,308	02/06/96	Kuslich, et al.				
	5,496,318	03/05/96	Howland, et al.				
	5,527,315	06/18/96	Jeanson, et al.				
	5,545,229	08/13/96	Parsons, et al.				
	5,556,431	09/17/96	Buttner-Janz				
AS		5,562,738	10/08/96	Boyd, et al.			
Examiner: A. Stewart				Date Considered: 02/20/03			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



RECEIVED

Sheet 2 of 2

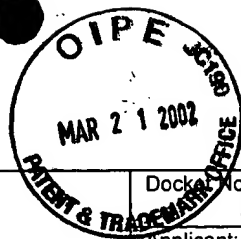
Form PTO-1449		Docket No.: 46739/252170		Application No. 09/744,493			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Bryan, et al.		Filing Date: June 19, 2001			
		Group Art Unit 3738		TECHNICAL CENTER R3700			
U.S. PATENT DOCUMENTS							
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass	Translation	
AS	5,609,636	03/11/97	Kohrs, et al.				
	5,649,926	07/22/97	Howland				
	5,658,285	08/19/97	Mamay, et al.				
	5,713,899	02/03/98	Mamay, et al.				
	5,716,415	02/10/98	Steffee				
	5,723,013	03/03/98	Jeanson, et al.				
	5,888,197	03/30/99	Mulac, et al.				
	5,897,087	04/27/99	Farley				
	5,902,233	05/11/99	Farley, et al.				
	5,984,865	11/16/99	Farley, et al.				
AS	6,017,008	01/25/00	Farley				
	6,033,363	03/07/00	Farley, et al.				
Examiner: A. Stewart Date Considered: 02/20/03							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



COPY OF PAPERS  
ORIGINALLY FILED

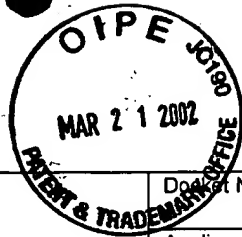
Sheet 1 of 1

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: 46739/252170		Application NO.: 09/744,493			
	Applicant: Bryan et al.					
	Filing Date: June 19, 2001		Group Art Unit 3738			
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass	Translation
<b>NON-U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
AS	90 00 094.3	4/90	German			yes
AS	2804936	8/79	German			abstract
<b>OTHER MATERIAL</b>						
	International Search Report for International Application No. PCT/US 01/24791					
Examiner:	A. Stewart		Date Considered:			02/20/03
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						



Sheet 1 of 2

Form PTO-1449		Docket No.: 46739/252170		Application NO.: 09/744,493		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Bryan et al.				
		Filing Date: June 19, 2001		Group Art Unit 3738		
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial		Patent Number	Date	Patentee	Class Subclass Translation	
AS		2,677,369	5/54	Knowles		
		4,599,086	7/86	Doty		
		4,932,969	6/90	Frey et al		
		5,192,326	3/93	Bao et al		
		5,234,431	8/93	Keller		
		5,246,458	9/93	Graham		
		5,261,911	11/93	Carl		
		5,370,697	12/94	Baumigartner		
		5,534,029	7/96	Shima		
		5,534,090	7/96	Navarro et al.		
		5,549,679	8/96	Kuslich		
		5,556,431	9/96	Buttrr-Janz		
		5,571,189	11/96	Kuslich		
		5,676,701	10/97	Yuan et al.		
	AS		6,179,874	1/30/01	Cauthen	
<b>NON-U.S. PATENT DOCUMENTS</b>						
Examiner Initial		Document Number	Date	Country	Class Subclass Translation	
AS		895433	1/82	USSR		abstract
		1560184	4/90	USSR		abstract
		0176728	4/86	EPO		abstract
		00560140 A1	9/93	EPO		abstract
	AS	2263842	7/74	Germany		yes
<b>OTHER MATERIAL</b>						
AS		Brain et al.; "The Neurological Manifestations of Cervical Spondylosis;" Brain: A Journal of Neurology, vol. 75; Macmillan & Co.; 1952; pp. 187-225.				
AS		Buttner-Janz et al.; "Biomechanics of the SB Charite Lumbar Intervertebral Disc Endoprosthesis;" International Orthopedics; vol. 13; 1989; pp. 173-176.				
AS		Edeland; "Some Additional Suggestions for an Intervertebral Disc Prosthesis;" Dept. of Occupational Health; Vdvo PV AB; S-40508; Goteborg; Sweden; 1985 Butterworth & Co. Publishers Ltd.				
AS		Enker et al.; "Artificial Disc Replacement;" Spine; vol. 18; No. 8; 1993; pp. 1061-1070.				
Examiner: A. Stewart		Date Considered: 06/20/03				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						



Sheet 2 of 2

Form PTO-1449		Document No.: 46739/252170	Application NO.: 09/744,493
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant: Bryan et al.	
		Filing Date: June 19, 2001	Group Art Unit 3738
<b>OTHER MATERIAL</b>			
B		Hawkins et al.; "Shear Stability of an Elastomeric Disk Spacer Within an Intervertebral Joint: A Parametric Study;" Journal of Biomechanical Engineering Technical Briefs; vol. 114; Aug. 1992; pp. 414-415.	
		Hedman et al.; "Design of an Intervertebral Disc Prosthesis;" Spine; vol. 17; No. 6; 1991; pp. S256-S260.	
		Hellier et al.; "Wear Studies for Development of an Intervertebral Disc Prosthesis;" Spine; vol. 17; No. 6 Supplement; 1992; pp. S86-S96.	
		Hodd; "Far Lateral Lumbar Disc Herniations;" Neurosurgery Clinics of North America; vol. 4, No. 1; Jan. 1993; pp. 117-124.	
		Langrana et al.; "Finite-Element Modeling of the Synthetic Intervertebral Disc;" Spine; vol. 16; No. 6; 1991; pp. S245-S252.	
		Lee et al.; "Development of a Prosthetic Intervertebral Disc;" Spine; vol. 16; No. 6; 1991; pp. S253-S255.	
		Lee et al.; "Natural History & Prognosis of Cervical Spondylosis;" British Medical Journal; Dec. 28, 1963; British Medical Association, London, England; Copyright 1963; pp. 1607-1610.	
		Long; "Failed Back Surgery Syndrome;" Neurosurgery Clinics of North America; vol. 2, No. 4; Oct. 1991; pp. 899-919.	
		Ray; "The Artificial Disc--Introduction, History and Socioeconomics;" Clinical Efficacy and Outcome in the Diagnosis and Treatment of Low Back Pain; Raven Press, Ltd., NY; 1992; pp. 205-280.	
		Robinson et al.; The Results of Anterior Interbody Fusion of the Cervical Spine," The Journal of Bone & Joint Surgery; vol. 44-A, No. 8, Dec. 1962; pp. 1569-1587.	
		Simeone and Rothman; "Cervical Disc Disease;" Pennsylvania Hospital & University of Pennsylvania; 1975; pp. 387-433.	
		Solini et al.; "Metal Cementless Prosthesis for Vertebral Body Replacement of Metastatic Malignant Disease of the Cervical Spine;" Journal of Spinal Disorders; vol. 2; No. 4; 1989; pp. 254-262.	
		Solini et al.; "Protesi Somatica Cervicale;" Ingegneria Ricostruttiva D'Avanguardia; Howmedica International; Pfizer; Italy.	
↓		Taylor, Collier; , "The Occurrence of Optic Neuritis in Lesions of the Spinal Cord, Injury, Tumor, Melitis;" Brain: A Journal of Neurology; vol. 24; Macmillan & Co. Ltd., 1901; pp. 532-550.	
AS		Tie-sheng et al.; "Lumbar Intervertebral Disc Prosthesis;" Chinese Medical Journal, 104-(5); 1991; pp. 381-386.	
Examiner: A. Stewart		Date Considered: 02/20/03	
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			